

## **CLAIMS**

What is claimed is:

- 1           1.       A method of marking a compact disc comprising the acts of:  
2           providing a copy protection scheme;  
3           identifying a portion of the compact disc not containing program material;  
4           applying copy protection data related to the copy protection scheme to the  
5                 identified portion of the compact disc, whereby the copy protection  
6                 data is readable by compliant test equipment.
- 1           2.       The method of claim 1, wherein the copy protection data is not  
2           readable by compact disc readers.
- 1           3.       The method of claim 1, wherein a lead-in area of the compact disc is  
2           provided, and the copy protection data is applied in the lead-in area.
- 1           4.       The method of claim 1, wherein a Q-channel of the compact disc is  
2           provided, and the copy protection data is in the Q-channel.
- 1           5.       The method of claim 1, wherein the copy protection data is in 1 to 30  
2           sectors of every 100 sectors of the compact disc.
- 1           6.       The method of claim 1, wherein the copy protection data is in a 20 to  
2           200 bit word.
- 1           7.       The method of claim 6, wherein the word comprises in sequence:  
2           sync bits;  
3           control bits;  
4           address bits;  
5           identification bits;  
6           user bits; and  
7           cyclic redundancy code bits.

1           8.     The method of claim 1, where the compact disc is one of a CD master,  
2                 CD stamper, or production CD.

1           9.     The method of claim 1, wherein the copy protection data identifies a  
2 particular copy protection scheme.

1           10.    The method of claim 9, wherein the copy protection data identifies a  
2 particular supplier of the copy protection scheme.

1           11.    The method of claim 7, wherein the cyclic redundancy code bits are  
2 readable only by a compliant reader.

1           12.    The method of claim 7, wherein the cyclic redundancy code bits  
2 include a first and a second cyclic redundancy code.

1           13.    The method of claim 12, wherein the first cyclic redundancy code is  
2 identifiable by test equipment, and the second cyclic redundancy code is translated by  
3 the test equipment.

1           14.    A compact disc comprising of:  
2                 program material;  
3                 copy protection data, and  
4                 data identifying the copy protection data, whereby a compliant test apparatus  
5                 reads the data identifying the copy protection data.

1           15.    The compact disc of claim 14 wherein the copy protection data is in  
2 the lead-in area of the compact disc.

1           16.    The compact disc of claim 15 wherein the copy protection data is in  
2 the Q-Channel portion of the compact disc.

1           17.    A compact disc test apparatus comprising:  
2           a demodulator that receives signals from a compact disc under test wherein the  
3           compact disc contains copy protection data and identification data  
4           identify the copy protection, the demodulator outputting an EFM  
5           signal;  
6           an EFM demodulator coupled to receive the EFM signal and processes the  
7           EFM signal into subcode data, the subcode data containing the copy  
8           protection data and identification data; and  
9           a subcode processor coupled to the EFM demodulator that receives and reads  
10          the subcode data.

1           18.    The compact disc test apparatus of claim 17 further comprising:  
2           a test equipment interface to the subcode processor, whereby the test  
3           equipment interface outputs copy protection information to an  
4           operator.

1           19.    The compact disc test apparatus of claim 17 wherein the subcode data  
2           comprises of a first CRC contained in a sector of the compact disc, wherein the first  
3           CRC is validated by the test apparatus, wherein a valid first CRC outputs information  
4           of the sector of the compact disc containing the CRC.

1           20.    The compact disc test apparatus of claim 18 wherein the subcode data  
2           comprises of:  
3           a first CRC contained in a sector of the compact disc, wherein the first CRC is  
4           validated by the test apparatus, wherein a valid first CRC outputs  
5           information of the sector of the compact disc containing the CRC.

1           21.    The compact disc test apparatus of claim 19 wherein the subcode data  
2 further comprises:

3           a second CRC contained in the sector of the compact disc, wherein the test  
4           apparatus finding an invalid first CRC, validates the second CRC,  
5           wherein a valid second CRC allows the test equipment to decode and  
6           output the copy protection data.

1           22.    The compact disc test apparatus of claim 20 wherein the subcode data  
2 further comprises:

3           a second CRC contained in the sector of the compact disc, wherein the test  
4           apparatus finding an invalid first CRC, validates the second CRC,  
5           wherein a valid second CRC allows the test equipment to decode and  
6           output the copy protection data.